BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Work:- Improvements of roads and drains in Kodigehalli A.K Colony and surrounding areas in ward no.08 Kodigehalli

Sl No	Description of Item		No	L	B	D	Qty	Rate	Amount
								Est Cost: Rs. 30.00Lakhs	
1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means: A. Lime Concrete, cement concrete grade M-10 and below. MORTH Specification No. 202 (Page No 139., I.No.18.17 of KPWD S.R 2018-19).								
	Kodegehalli, Near Burriel ground								
	Secondary drain		1	35.75	5.00	2.35	420.06		
							420.06	481.24	202150.88
								per Cum	
	Basic Rate	454.00							
	Area wtg 6%	27.24							
	Net Rate	481.24							
2	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m. including cost of materials, labour, HOM complete as per specifications. (Page No .270., I.No.37.48 of KPWD S.R 2018-19).								
	Kodegehalli, Near Burriel ground								
	Secondary drain		2	35.75	0.50	1.80	64.35		
							64.35	287.26	18485.00
								per Cum	
	Basic Rate	271.00							
	Area wtg 6%	16.26							
	Net Rate	287.26							
3	KSRRB 2100-5. Excavation in marshy soil upto 3m depth for foundations of structures as per drawing and technical specifications including removing the excavated stuff to a lead of 15m., including dewatering , shoring strutting wherever necessary watering and ramming including cost of all materials, labour, HOM complete as per specifications MORTH Chapter 12 (Page No 221., I.No.27.11 of KPWD S.R 2018-19).								
	Kodegehalli, Near Burriel ground								
	Secondary drain		1	35.75	0.50	1.20	21.45		
							21.45	1047.17	22462.00
								per Cum	
	Basic Rate	902.00							
	Area wtg 6%	54.12							
	LEAD	91.05							
	Net Rate	1047.17							

	Description of Item		No	L	B	D	Qty	Rate	Amount
	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete. - - beyond 1.50 mtrs depth upto & including 3m depth. (Page no.269, Item no.37.41.2)								
	Kodegehalli, Near Burriel ground								
	Secondary drain		6	5.00	1.20	1.00	36.00		
							36.00	313.76	11295.00
								per Cum	
	Basic Rate	296.00							
	Area wtg 6%	17.76							
	Net Rate	313.76							
5	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.specification. No. KBS 2.10.2. (Page no.7, Item no.2.15)								
	Kodegehalli, Near Burriel ground								
	For Foundation		1	35.75	5.00	0.45	80.44		
							80.44	2574.74	207106.00
								per Cum	
	Basic Rate	2429.00							
	Area wtg 6%	145.74							
	Net Rate	2574.74							
6	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement 180kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @o.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost all materials, labour, HOM of machinery, curing complete as per specifications.(P-13, I-4.3)								
	Kodegehalli, Near Burriel ground								
	Secondary drain		1	35.75	5.00	0.15	26.81		
							26.81	5408.12	145005.00
								Per Cum	
	Basic Rate	5102.00							
	Area wtg 6%	306.12							
	Net Rate	5408.12							
7	KSRB 4-6.3 : Providing and removing centering, shuttering, strutting,propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2(Page no.16, Item no.4.30)								
	Kodegehalli, Near Burriel ground								
	For deck slab		1	35.75	5.00		178.75		

	Description of Item		No	L	B	D	Qty	Rate	Amount
							178.75	466.40	83369.00
								per sqm	
	Basic Rate	440.00							
	Area wtg 6%	26.40							
	Net Rate	466.40							
	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no.16, Item no.4.31)								
	Kodegehalli, Near Burriel ground								
	wall		4	35.75		1.80	257.40		
							257.40	379.48	97678.00
								per sqm	
	Basic Rate	358.00							
	Area wtg 6%	21.48							
	Net Rate	379.48							
9	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges) - Ready mixed Cement concrete for Beams, Staircase and Roof with M-25 (Page no.19, item no.4.49.2)								
	Kodegehalli, Near Burriel ground								
	For Bottom		1	35.75	5.00	0.30	53.63		
	For Side walls		2	35.75	0.25	1.80	32.18		
	For deck slab								
			1	35.75	5.00	0.30	53.63		
							139.43	5826.82	812404.00
								per cum	
	Basic Rate	5497.00							
	Area wtg 6%	329.82							
	Net Rate	5826.82							
10	Providing T.M.Tsteel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members whereever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P-18, I-4.46.2) Fe 500								
	Kodegehalli, Near Burriel ground								
	For Rcc drain 100kg/cum		#####				13942.50		
							13942.50		
						Total	13.94	75223.96	1048810.00
								Per tonnes	
	Basic Rate	70966.00							
	Area Wtg 6%	4257.96							

	Description of Item		No	L	B	D	Qty	Rate	Amount
	Net Rate	75223.96							
	KSRRB M2200- Providing Weep Holes KSRRB M2200-8. Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No.2706 & 2200(page no.229, item no.28.10)								
	Kodegehalli, Near Burriel ground								
			30				30.00		
						Total	30.00	155.82	4675.00
							Nos/Per mtr		
	Basic Rate	147.00							
	Area Wtg 6%	8.82							
	Net Rate	155.82							
							Total Rs:-		**2653440.00**
2	ADD 12% GST								318413.00
3	ADD 1% PMC Charges								26534.00
4	Miscellaneous and unforeseen charges								1613.00
							Total Rs:-		3000000.00
	(Rupees Thirty lakhs only)								

CERTIFICATES

1 The work will be Executed within BBMP limit only
2 The work spot is inspected by me
3 The items Provided in the Estimate are quite Essential
4 The Estimate is prepared Based on pwd 2018-2019

Asst.Engineer
Waard No-08

Asst. Executive Engineer
Kodigehalli Subdivision
BBMP, Bangalore

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore

Administrative Approval
Accorded For RS 30.00 lakhs only
Head of A/C P3409
CER NO :159 Dt:08.01.2019

TA CE (YNK)

Technical Sanction
Accorded For RS 30.00 lakhs only
Head of A/C P3409
CER NO :241 Dt:08.01.2019

TA CE (YNK)

Name of Works:- Improvements of roads and drains in Kodigehalli [illegible]
Surrounding areas in ward no. 08. Kodigehalli